

immediately before the history storage area indicated by the pointer **410** in the history buffer **400**, and the previous input instruction from a direction key is cancelled. In this way, the specified information and the selected relation criterion stored in the history storage area to which the pointer **410** has returned are read, and a display mode, for which history is restored, is displayed on the display device **105**. The user, by repeating an actuation of the X-button, can trace input histories of the up and down direction keys of the input device **104**, one by one.

[0097] FIG. 4B is a diagram showing a configuration of a bookmark buffer provided in the main memory **102**. The bookmark buffer **420** includes a specified information area **420a** and a selected criterion area **420b**. When the user actuates the square button of the input device **104**, an item of information selected as the specified information **300** at that time is recorded in the specified information area **420a**, and a relation criterion selected as the selected relation criterion is recorded in the selected criterion area **420b**. In the event that, prior to an operation of the square button, there is data registered in the bookmark buffer **420** in response to a prior operation of the square button, the registered data is caused to be overwritten by the subsequent actuation of the square button.

[0098] When the user actuates the triangle button of the input device **104**, in accordance with the specified information stored in the specified information area **420a** and the selection condition of the selected relation criterion stored in the selected criterion area **420b**, the display mode, when the user actuates the square button of the input device **104**, is restored and displayed on the display device **105**. The specified information **300** and selected relation criterion restored at this point are also recorded in the subsequent history storage area of the history buffer **400** as new history data.

[0099] In the event that no data are registered in the specified information area **420a** or selected criterion area **420b** of the bookmark buffer **420** prior to the actuation of the triangle button (for example, no bookmarking has been carried out by an instruction from the square button), the display mode of the display device **105** is not changed by an actuation of the triangle button.

[0100] Hereafter, a description will be given of a process executed in the information processing apparatus according to this embodiment. FIG. 5 is a flowchart showing an exemplary, non-limiting process in this embodiment. Although other processing steps, other than those shown here, are carried out in the information processing apparatus, the processing steps minimally necessary for describing the invention are shown here.

[0101] First, in the information processing apparatus, the CPU **101** reads the specified information stored in the specified information area **401a** and the selected relation criterion stored in the selected criterion area **401b**, from the history storage area indicated by the pointer **410** among the plurality of history storage areas **401** to **40n** of the history buffer **400** (FIG. 4A) provided in the main memory **102**. Then, the CPU **101** displays items of information on the display device **105** in accordance with the specified information and selected relation criterion (step **S101**) that was read.

[0102] Next, the CPU **101** determines whether or not the up or down direction keys of the input device **104** are

actuated (step **S102**). If there is an actuation of the up or down direction keys ("Yes" at step **S102**), the CPU **101**, in accordance with the direction input from the direction keys, changes another item of information related to the specified information **300** by the selected relation criterion at the present time to new specified information **300** (step **S103**). Next, the CPU **101** stores the changed selection condition of the specified information **300** and selected relation criterion in a history storage area subsequent to the history storage area indicated by the pointer **410** in the history buffer **400**, and moves the pointer **410** to the subsequent history storage area (step **S104**). Then, the CPU **101** returns to the process in step **S101**.

[0103] If there is no actuation of the up or down direction keys ("No" at step **S102**), the CPU **101** determines whether there is an actuation of the left or right direction keys of the input device **104** (step **S105**). If there is an actuation of the left or right direction keys ("Yes" at step **S105**), the CPU **101**, in accordance with the direction input from the direction keys, changes the selected relation criterion to another relation criterion with respect to the specified information **300** at the present time (step **S106**). Next, the CPU **101** stores the changed selection condition of the specified information **300** and selected relation criterion in a history storage area subsequent to the history storage area indicated by the pointer **410** in the history buffer **400**, and moves the pointer **410** to the subsequent history storage area (step **S107**). Then, the CPU **101** returns to the process in step **S101**.

[0104] If there is no actuation of the left or right direction keys ("No" at step **S105**), the CPU **101** determines whether there is an actuation of the X-button of the input device **104** (step **S108**). If there is an actuation of the X-button, the CPU **101** returns the pointer **410** to a history storage area immediately before the history storage area indicated by the pointer **410** in the history buffer **400** provided in the main memory **102**, thereby returning the display mode of the display device **105** to the previous condition in history (step **S109**). Then, the CPU **101** returns to the process in step **S101**.

[0105] If there is no actuation of the X-button ("No" at step **S108**), the CPU **101** determines whether there is an actuation of the square button of the input device **104** (step **S110**). If there is an actuation of the square button ("Yes" at step **S110**) the CPU **101** stores an item of information selected as the specified information **300** at that instant in time in the specified information area **420a** of the bookmark buffer **420** provided in the main memory **102**. At the same time, the CPU **101** stores a relation criterion selected as the selected relation criterion at that instant in time in the selected criterion area **420b** (step **S111**). Then, the CPU **101** returns to the process in step **S101**.

[0106] If there is no actuation of the square button ("No" at step **S110**), the CPU **101** determines whether there is an actuation of the triangle button of the input device **104** (step **S112**). If there is an actuation of the triangle button ("Yes" at step **S112**), the CPU **101** reads specified information stored in the specified information area **420a** of the bookmark buffer **420** and a selected relation criterion stored in the selected criterion area **420b**, and carries out a change to display information corresponding to the read specified information and selected relation criterion (step **S113**). Next,